



Quadro NVS 295 x16

Memory

256 MByte
GDDR3 RAM

Bus Type

PCI-E 2.0 x16

CUDA Processor Cores

8

Connectors

2x DisplayPort
2x DVI-D
with adapter

SLI Support

No

Dual-Link-DVI

2x with opt. adapter

HDCP Support

Yes

max. Analog Resolution

2x 2048x1536 with opt. adapter

max. Digital Resolution

2x 2560x1600

RAMDAC

-

Power Consumption

23 Watt

Size

Low Profile SFF / 69 x 168 mm

Product Numbers

With DP to SL DVI-D adapter
Retail: VCQ295NVSX16DVI-PB
Bulk: VCQ295NVSX16DVIBLK-1

Without adapter
Retail: VCQ295NVS-X16-PB
Bulk: VCQ295NVS-X16BLK-1

Suggested Retail Price

Plus VAT
Subject to changes

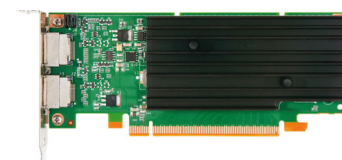
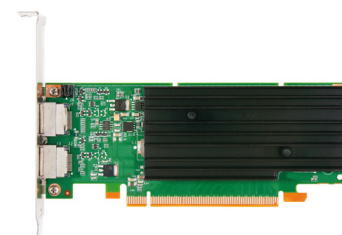
€ 129,-
£ 119,-



www.pny.eu/quadro

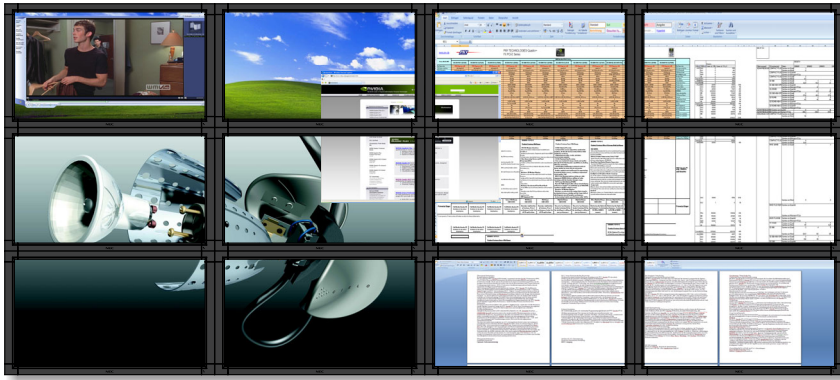
The standard for business graphics:

Delivering a reliable hardware and software platform, Quadro NVS 295 is designed to meet the needs of today's most demanding business user. Featuring NVIDIA® nView® display management software and support for up to two 30" displays at 2560x1600 resolutions, business professionals can maximize productivity through increased desktop real estate and advanced application management tools. Tested on industry-leading business applications, Quadro NVS 295 provides a stable business environment.



Tel.: +49 (0)2405 / 40848 - 0
Fax: +49 (0)2405 / 40848 - 99
vertrieb@pny.de / www.pny.eu

PNY Technologies Quadro GmbH
Schumanstraße 18a
52146 Würselen / Germany



nView Multi-Display Technology

NVIDIA nView multi-display software allows you to process large volumes of information effectively. Instead of stacking multiple Windows applications windows on top of each other, nView can be utilized to take advantage of several linked displays.

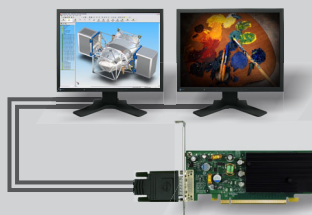
- ❑ nView provides additional features, such as several Windows desktops or faster switching between various application windows, also by means of transparent effects or hot keys.
- ❑ Using a profile, different settings can quickly and comfortably be saved, reloaded, and copied on other computers.
- ❑ Display lead lines allow the desktop to be divided into regions. Thus, application windows can be positioned and adjusted to the pixel.
- ❑ The nView toolbar always keeps all important functions in focus.
- ❑ Various functions, e.g. switching between applications or desktop to configuration, can be accessed rapidly with a simple mouse movement.
- ❑ Quick-Zoom allows displaying enlarged sections or desktops also via hot keys.
- ❑ NVKeystone offers the possibility of individual image adjustments for each linked display.

max. 4 displays per card



Quadro NVS 420 x1
Quadro NVS 420 x16
Quadro NVS 450

max. 2 displays per card



Quadro NVS 280 PCI
Quadro NVS 295 x1
Quadro NVS 295 x16



Quadro NVS 280
PCI 2.1 (Low Profile)



Quadro NVS 295
PCI-E x1 (Low Profile)



Quadro NVS 295
PCI-E x16 (Low Profile)



Quadro NVS 420
PCI-E x1 (Low Profile)



Quadro NVS 420
PCI-E x16 (Low Profile)



Quadro NVS 450
PCI-E x16

	Quadro NVS 280 PCI 2.1 (Low Profile)	Quadro NVS 295 PCI-E x1 (Low Profile)	Quadro NVS 295 PCI-E x16 (Low Profile)	Quadro NVS 420 PCI-E x1 (Low Profile)	Quadro NVS 420 PCI-E x16 (Low Profile)	Quadro NVS 450 PCI-E x16
Memory	256MB DDR2 SDRAM	256MB GDDR3 SDRAM	256MB GDDR3 SDRAM	512MB GDDR3 SDRAM	512MB GDDR3 SDRAM	512MB GDDR3 SDRAM
Bus Type	PCI-Express x1	PCI-Express x1	PCI-Express x16	PCI Express x1	PCI Express x16	PCI Express x16
CUDA Processing Cores	-	8	8	16	16	16
Connectors	1x DMS59 2x VGA oder 2x DVI-I with adapter	2x DisplayPort 2x DVI-D with adapter	2x DisplayPort 2x DVI-D with adapter	1x VHDCI 4x DisplayPort or 4x DVI-D with adapter	1x VHDCI 4x DisplayPort or 4x DVI-D with adapter	4x DisplayPort 4x DVI-D with adapter
max. Analog Resolution	2x 2048x1536	2x 2048x1536 ⁴	2x 2048x1536 ⁴	4x 2048x1536 ⁵	4x 2048x1536 ⁵	4x 2048x1536 ⁵
max. Digital Resolution	2x 1920x1200	2x 2560x1600 ¹	2x 2560x1600 ¹	4x 2560x1600 ²	4x 2560x1600 ²	4x 2560x1600 ³
RAMDAC	Dual 400 Mhz	-	-	-	-	-
Power Consumption	21 Watt	23 Watt	23 Watt	40 Watt	40 Watt	35 Watt
Product Number	VQ4280NVS-PCI-PB	VQ295NVSX1DVI-PB	VQ295NVSX16DVI-PB	VQ420NVS-X1-PB	VQ420NVS-X16-PB	VQ450NVSX16DVI-PB
Suggested Retail Price <small>Plus VAT Subject to changes</small>	€ 119,- £ 99,-	€ 129,- £ 119,-	€ 129,- £ 119,-	€ 399,- £ 359,-	€ 399,- £ 359,-	€ 439,- £ 389,-

System requirements

IBM or 100% compatible PC with original Intel Pentium /Xeon or AMD Athlon XP/Opteron class processor or higher
Open PCI-E x16 or higher slot
Open PCI-E x1 or higher slot (only Quadro NVS 290 PCI-E x1 / NVS 295 PCI-E x1/ NVS 420 PCI-E 1x)
Open PCI 2.1 or higher slot (only Quadro NVS 280 PCI)
512 MB system memory / CD-ROM or DVD-ROM drive
400 MB of available disk space for full installation
Display Port, VGA or DVI-I compatible display / Display Port or DVI-D compatible display (only NVS 295 / NVS 420 / NVS 450)
Windows Vista, XP, 2000, Linux IA32, IA64, AMD64, FreeBSD

¹2x 2560x1600 only with DisplayPort or opt. DP to DL-DVI adapter. Otherwise only 2x 1920x1200 with included SingleLink DVI-D adapter.

²4x 2560x1600 only with DisplayPort or opt. DP to DL-DVI adapter. Otherwise only 4x 1920x1200 with VHDCI to DVI-D Adapter.

³4x 2560x1600 only with DisplayPort or opt. DP to DL-DVI adapter. Otherwise only 4x 1920x1200 with included SingleLink DVI-D adapter

⁴2x 2048x1536 only with opt. DisplayPort to VGA adapter

⁵4x 2048x1536 only with opt. DisplayPort to VGA adapter